



TRANSFORMATION FOCUSED ON JOINTNESS AND INTEROPERABILITY

AAC



***PRECISION STRIKE
ASSOCIATION
CONFERENCE
FT BELVOIR, VIRGINIA
20 APRIL 2004***

***JUDY A STOKLEY, SES
DEPUTY FOR ACQUISITION
AIR ARMAMENT CENTER***



FUTURE OPERATIONS

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“There aren’t that many flights out there that a single service is going to undertake... changes are coming... that are not in our comfort zone.”

- Lt Gen James Cartwright
Joint Staff Director
Force Structure, Resources, And
Assessment**



OUR BOSSES ARE SAYING...

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“...We will attack with improved range, payload, speed, maneuverability and precision. We will network these systems in ways that enable us to find, fix, track, target, engage and assess in timelines unimaginable just a few years ago. It is our goal to have consistent, persistent intelligence, surveillance and reconnaissance, and, once a decision to attack is made, we will attack instantaneously.”

—Dr. James Roche, Secretary of the Air Force



... NOT JUST THE AIR FORCE

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Joint Operations



Joint Requirements



Joint Acquisitions

**“We are focused always on programs,
always on platforms. We are going to
change that...**

**Not only with ourselves but how we...
join with the other Services, with coalition
partners.”**



JOINTNESS AND INTEROPERABILITY

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- **Joint Capability Planning**
- **Joint Advanced Concept Technology Development**
- **Joint Universal Armament Interface**
- **Joint Test and Training**
- **Joint Acquisitions**



JOINT CAPABILITY PLANNING

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- **Joining the Swords, Summit VI, March 2004**
- **Tri-Service Leadership**
 - **AF and Army SAEs, AFMC/CC, US Fleet Command**
- **Six Panels - Keys to Arming the Warfighter**
 - **Make Capability Planning More Integrated Among AF and Joint Community**
 - **Network Weapons via Two-Way Data Links**
 - **Fund Universal Armament Interface for Weapons on Platforms**
 - **Modernize Test and Training Ranges**

AFMC/XR Developing a Process For I-Summit



JOINT UNIVERSAL ARMAMENT INTERFACE

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- **Construct to Modernize Aircraft/Weapon Integration To Be More Plug-N-Play**
- **Reduce Stores Integration Time and Cost**
- **Define Configuration Files For Five Basic Interfaces**
 - **Aircraft/Store** - **Controls And Displays** - **Mission Data**
- **ICD Message** - **Launch Acceptability Region**
- **Unfunded to Date - Requires Up-Front Investment**
- **Could Enable New Interfaces by Simplifying Old Ones**



JOINTNESS AND ACTD

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- **Air Force/Navy Sponsoring Weapons Data Link ACTD**
- **Ensures Interoperability Among Elements of Communication Network**
- **20 Month, \$30 Million Effort, Unfunded to Date**
- **Reduce Risk of Fielding the Capability to Data Link Air-to-Ground Weapons During Flight**
 - **Define Architecture**
 - **Understand Cost/Performance Trade-Space**
- **JASSM-ER and SDB Increment II - First Applications**



JOINT RANGE DEVELOPMENT TO SUPPORT JOINT TEST & TRAINING

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Vision

Develop a World-Class Test and Training Complex that enables Warfighters for the 21st Century

- Responds to Vision 2020 and Capitalizes on the Unique Features of the Gulf Range Complex
- JGRCSP Goals
 - Meet the Users' Needs (Test and Training)
 - Joint Planning
 - Regional Perspective
- Status
 - In Execution
 - Joint Test and Training Flag Officer Endorsement
 - 15 Apr 03



JOINT TEST AND TRAINING

**USN/USMC Pioneer UAV School
at Choctaw Field**



**Improvised
Explosive Device
(IED)
Navy EOD School
(under
construction)**



Army Ranger Camp

**Alabama Army National Guard
Tank Training**



**USMC
Reserve
Training
Center
(Propose
d)**



Special Ops Training



**Expeditionary
Strike Group
(Marine
Expeditionary
Unit (MEU)
and
Amphibious
Ready Group
(ARG)**



Carrier Strike Group (CSG)



Tomahawk



**F-15 Upgrade
Pilot Training**



**Navy EOD
School**



Choctawhatchee Bay

A-22

Eglin

A-30

B-71

C-3

C-80C

C-72

C-62

e Field

AIR ARMAMENT CENTER

--DELIVERING PGM CAPABILITY AS PROMISED!



FY98-FY01 FY02 FY03 FY04 FY05 FY06 FY07+

SDB Increment II

JASSM ER

SDB Increment I

JDAM 500

JASSM

JDAM 1000

JDAM 2000

							F-15E (FY11) F/A-22 (FY11) + Other
							B-1 (FY09) F/A-18 E/F (FY09)
					F-15E		F/A-22 (FY08) + Other
				B-2 F/A-18 C/D	A-10		+ Other
		B-52	B-2, B-1 F-16				
	F/A-18 C/D				A/V-8B	F/A-22	
B-2, B-1, B-52 F-16 F/A-18 C/D	F/A-18 E/F F-14/B	F-14/D	F-15E		A-10	F-117	

Warfighter Capability Online



The Battleship is Turning -

Integrated Capabilities for Our



QUESTIONS